

Fig. 1

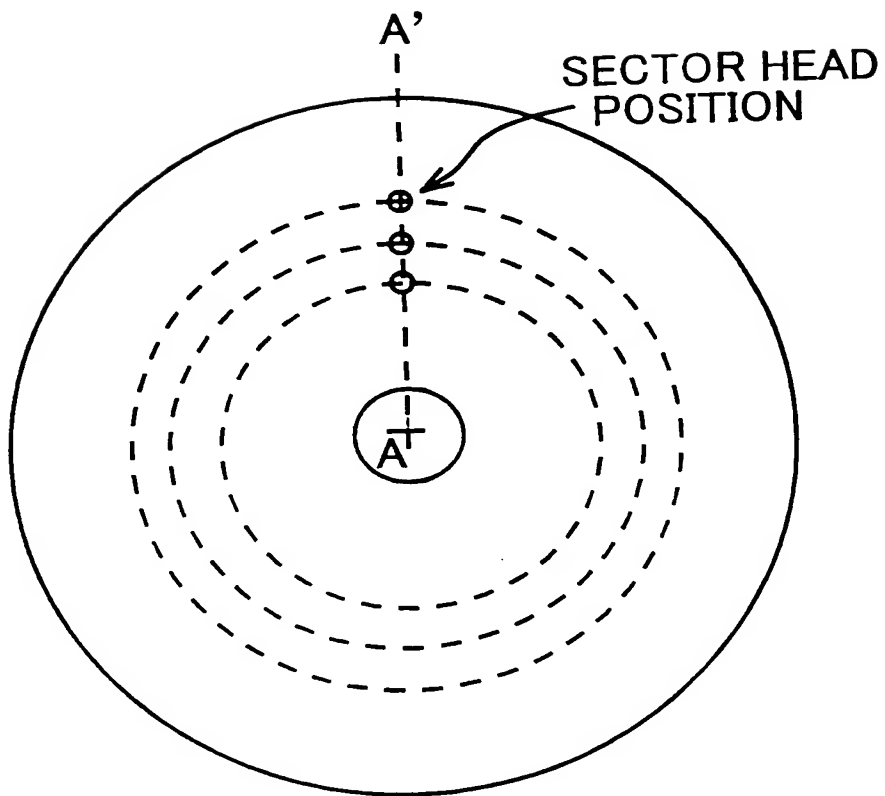
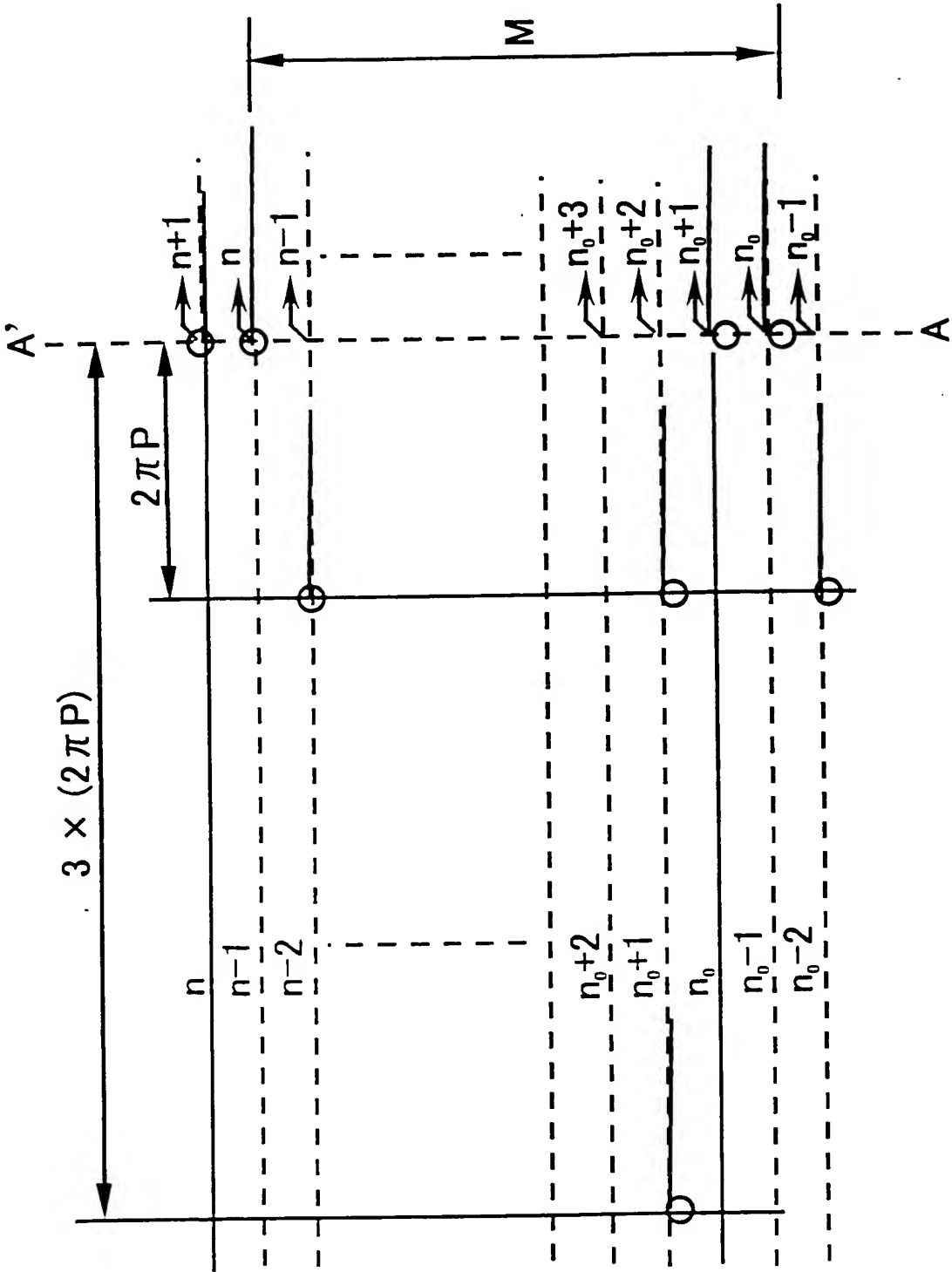


Fig. 2



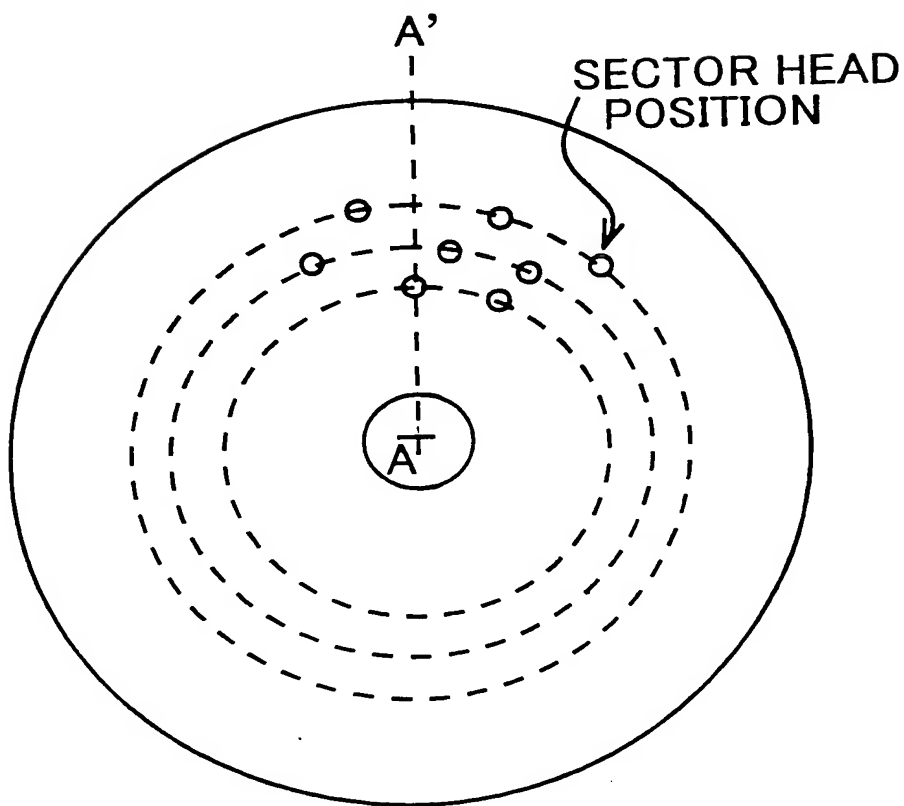
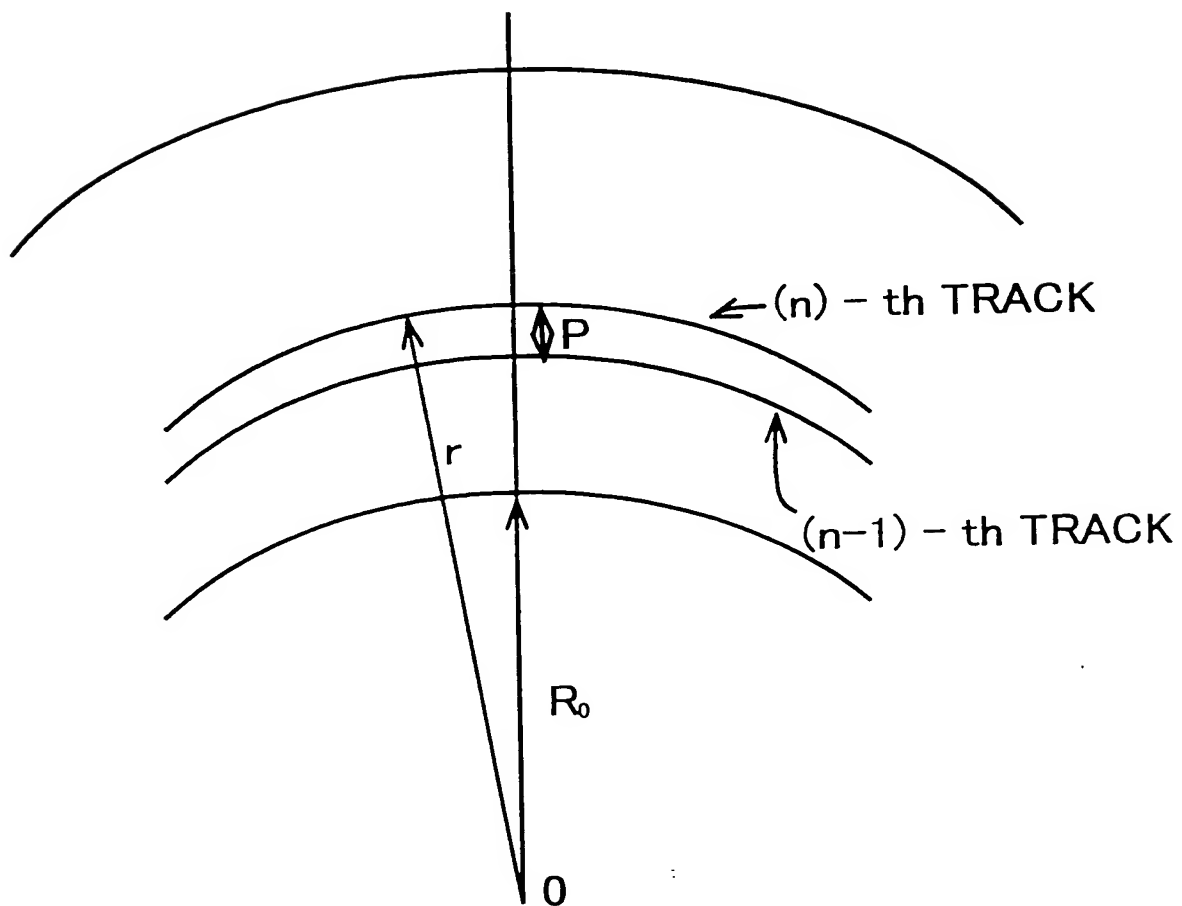


Fig. 4

BACKGROUND ART



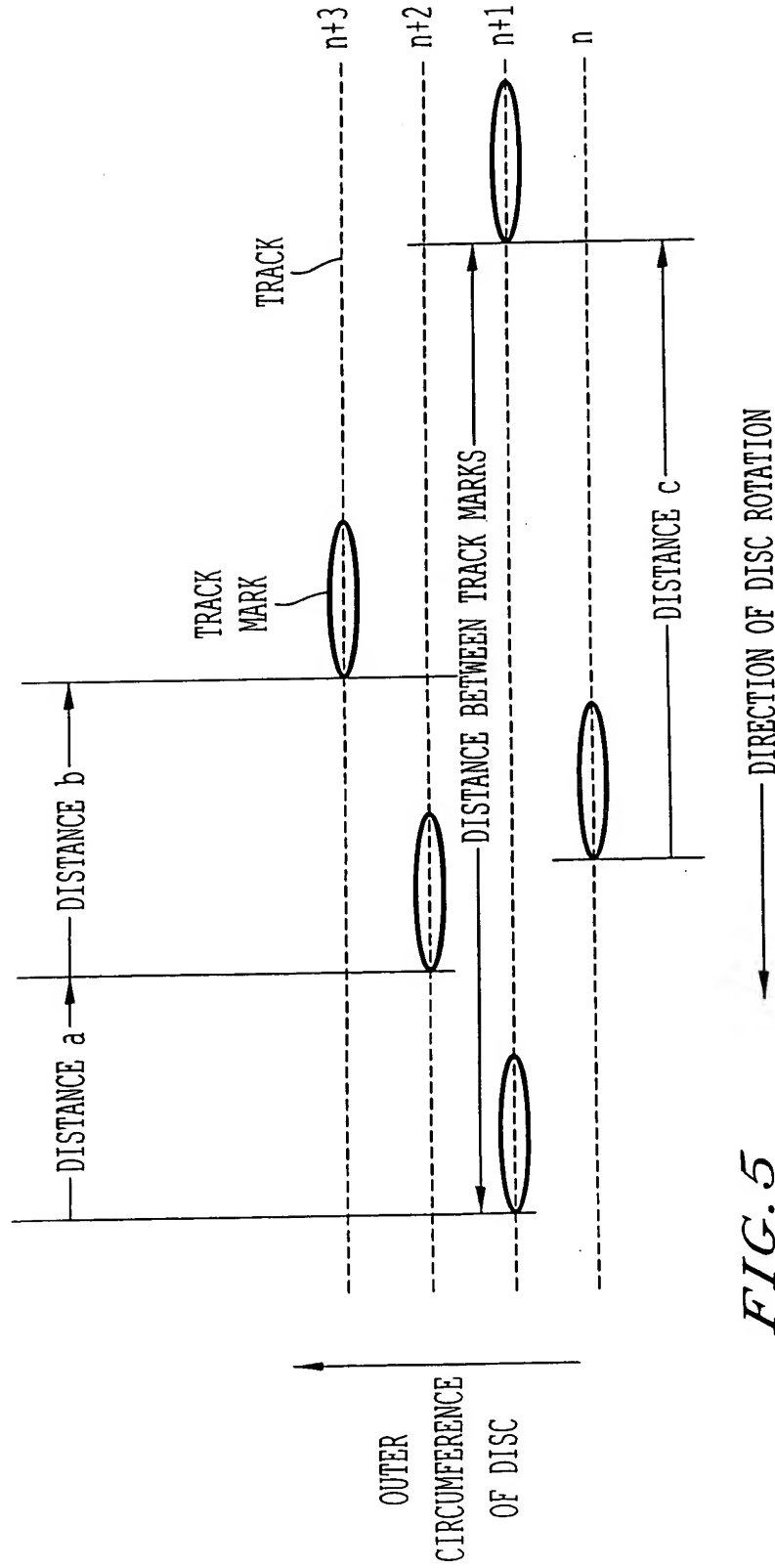


FIG. 5

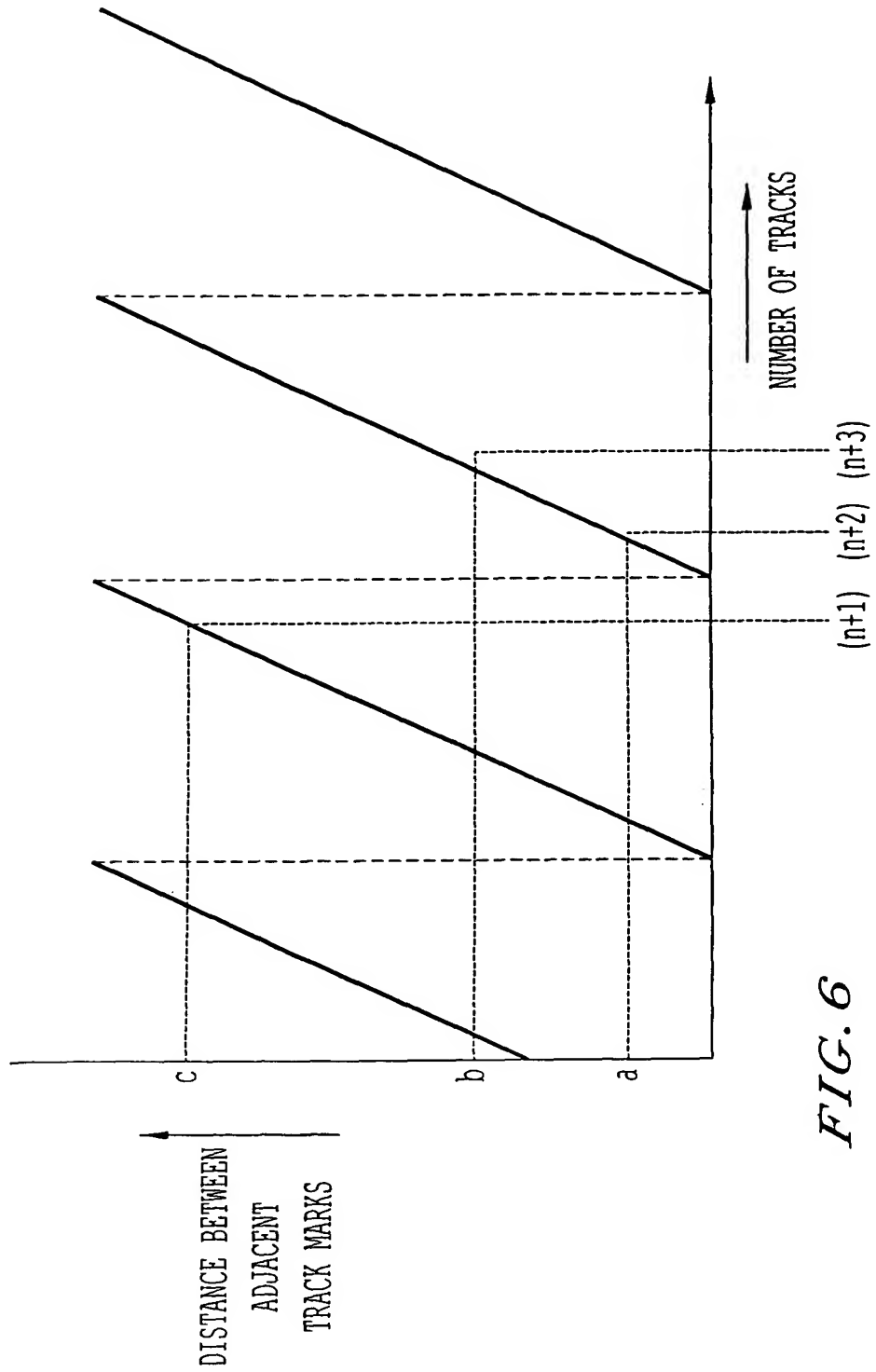


FIG. 6

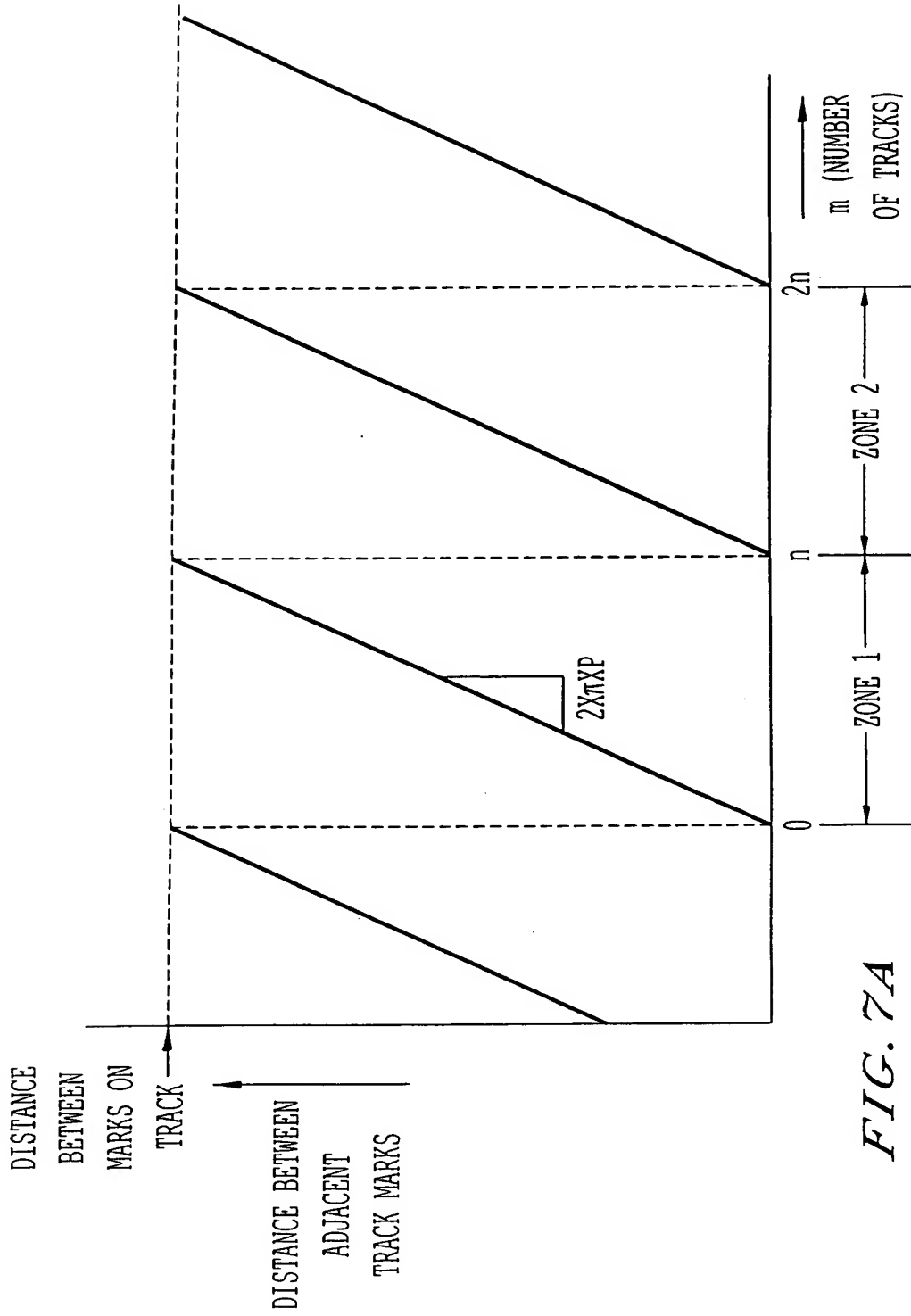


FIG. 7A

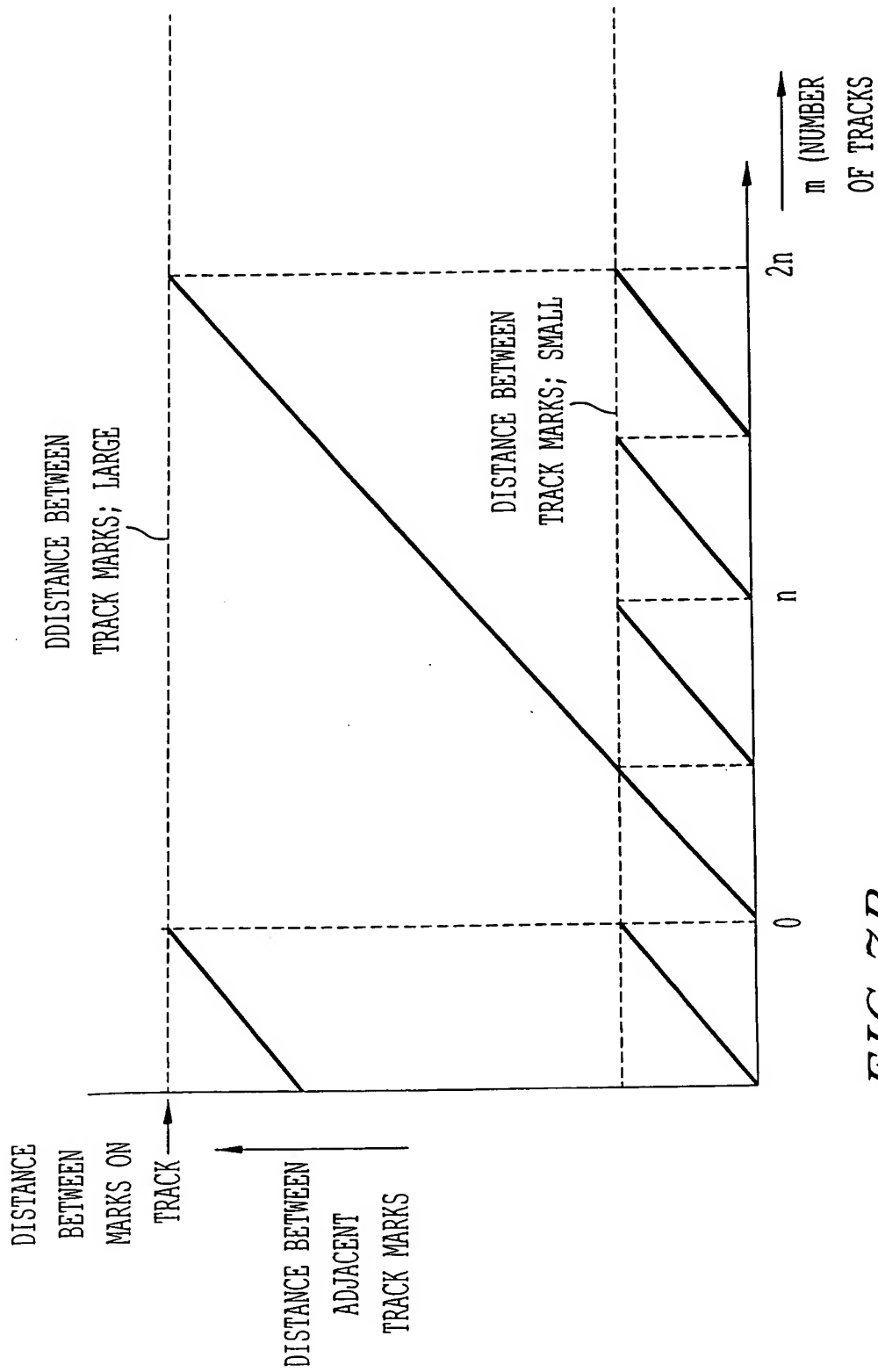


FIG. 7B



Fig. 8

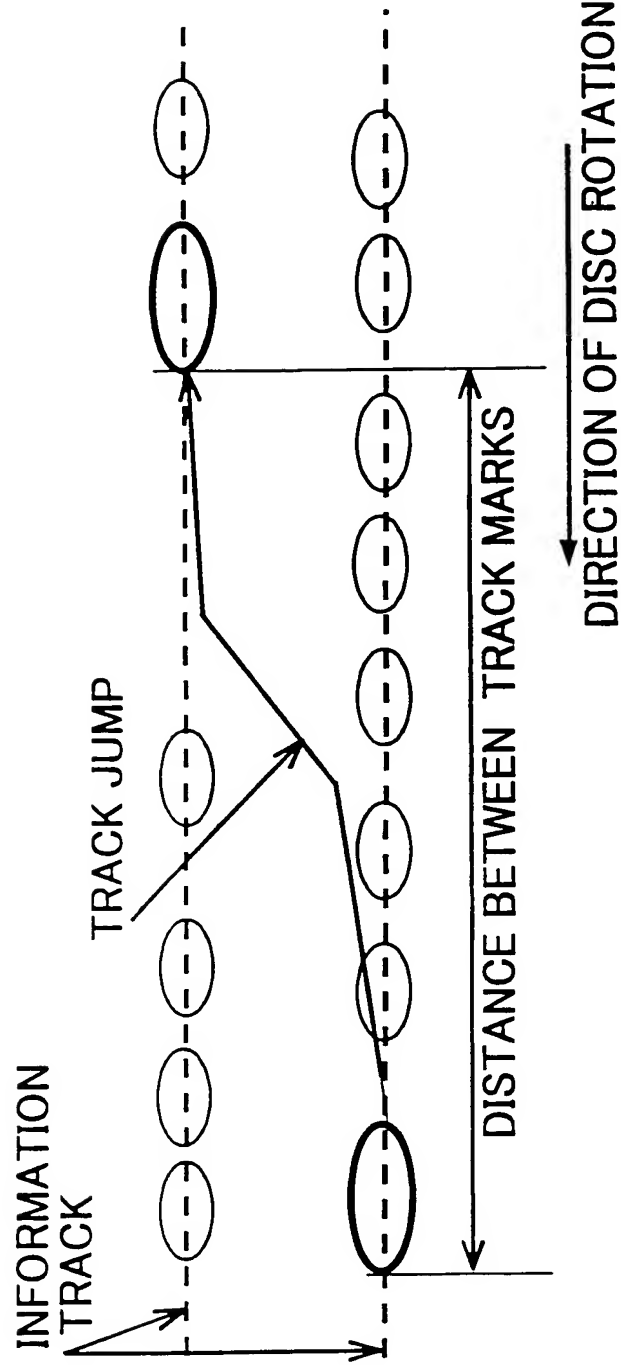
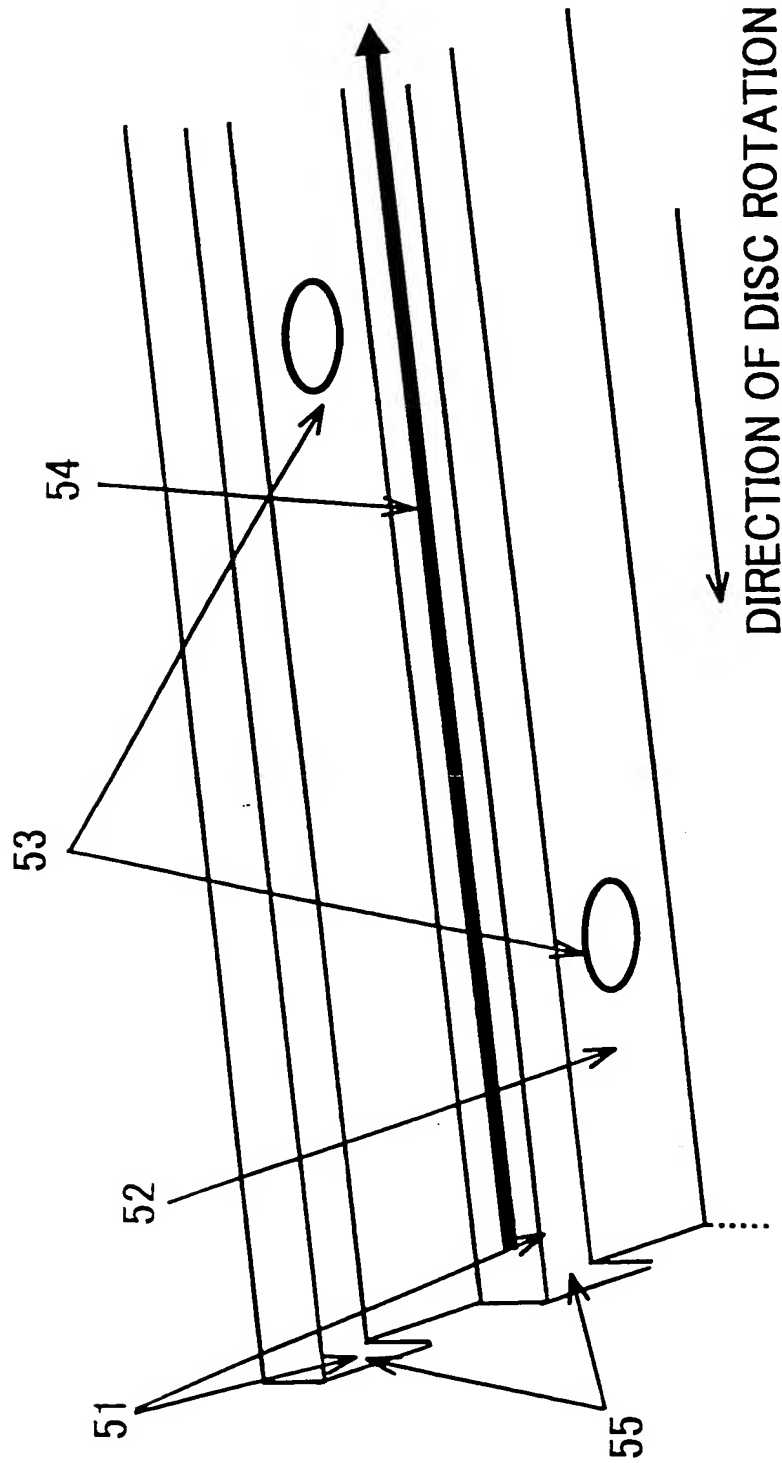


Fig. 9



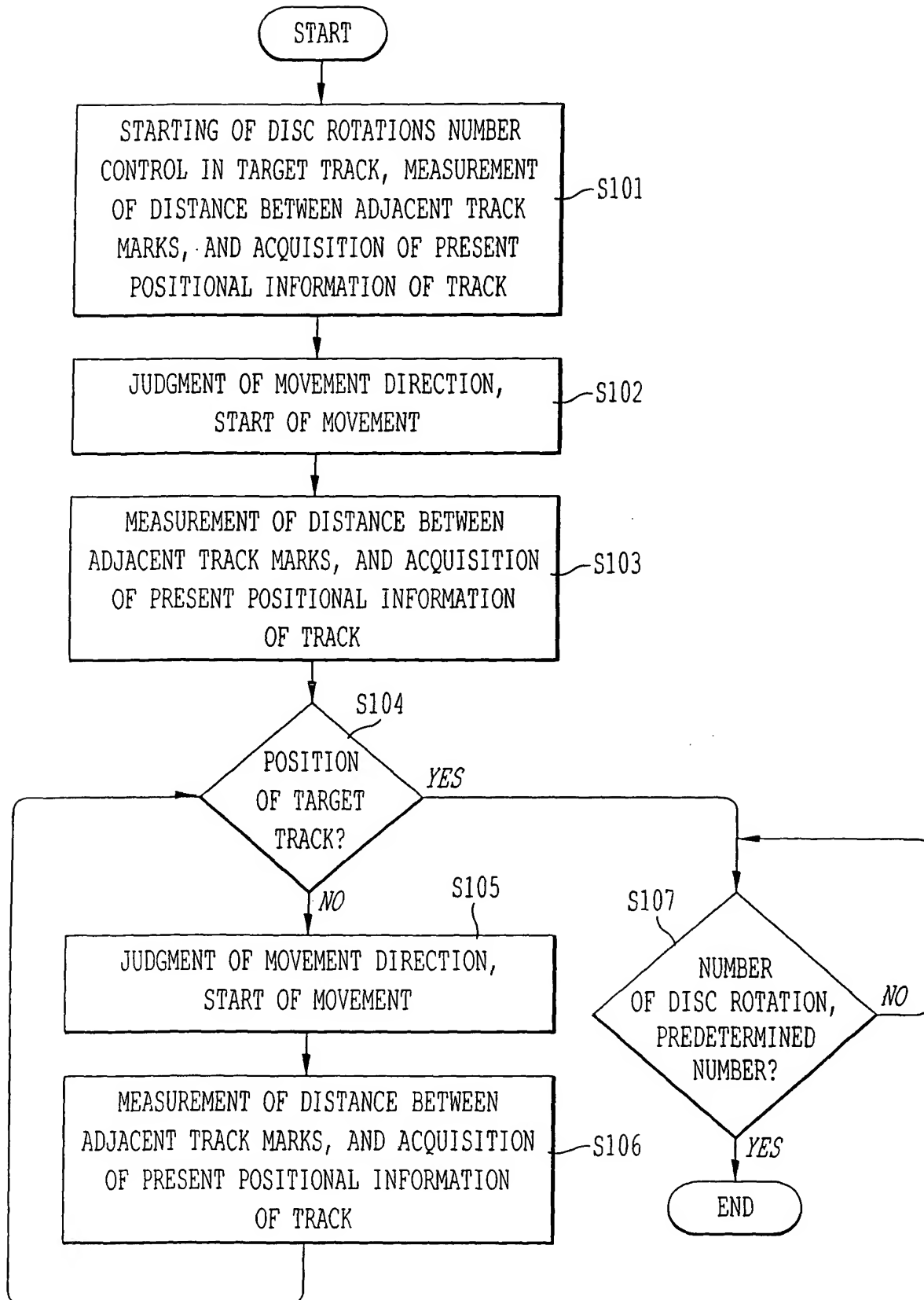
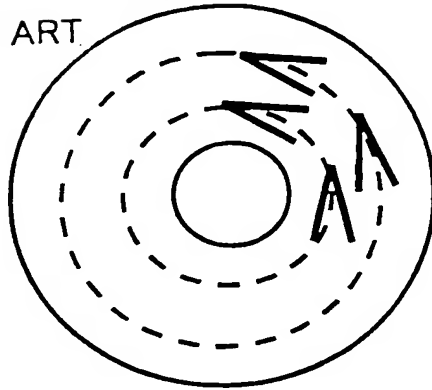


FIG. 10

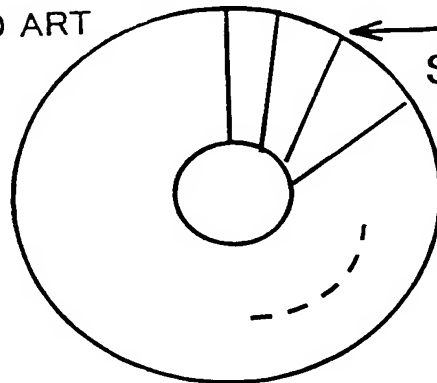
**Fig. 11 A**

BACKGROUND ART



**Fig. 11 B**

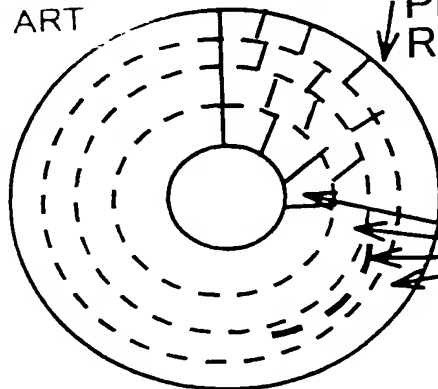
BACKGROUND ART



SECTOR; ARRANGED  
ON RADIUS LINE

**Fig. 11 C**

BACKGROUND ART



SECTOR; ARRANGED  
PER EACH OF  
RESPECTIVE ZONES

ZONES

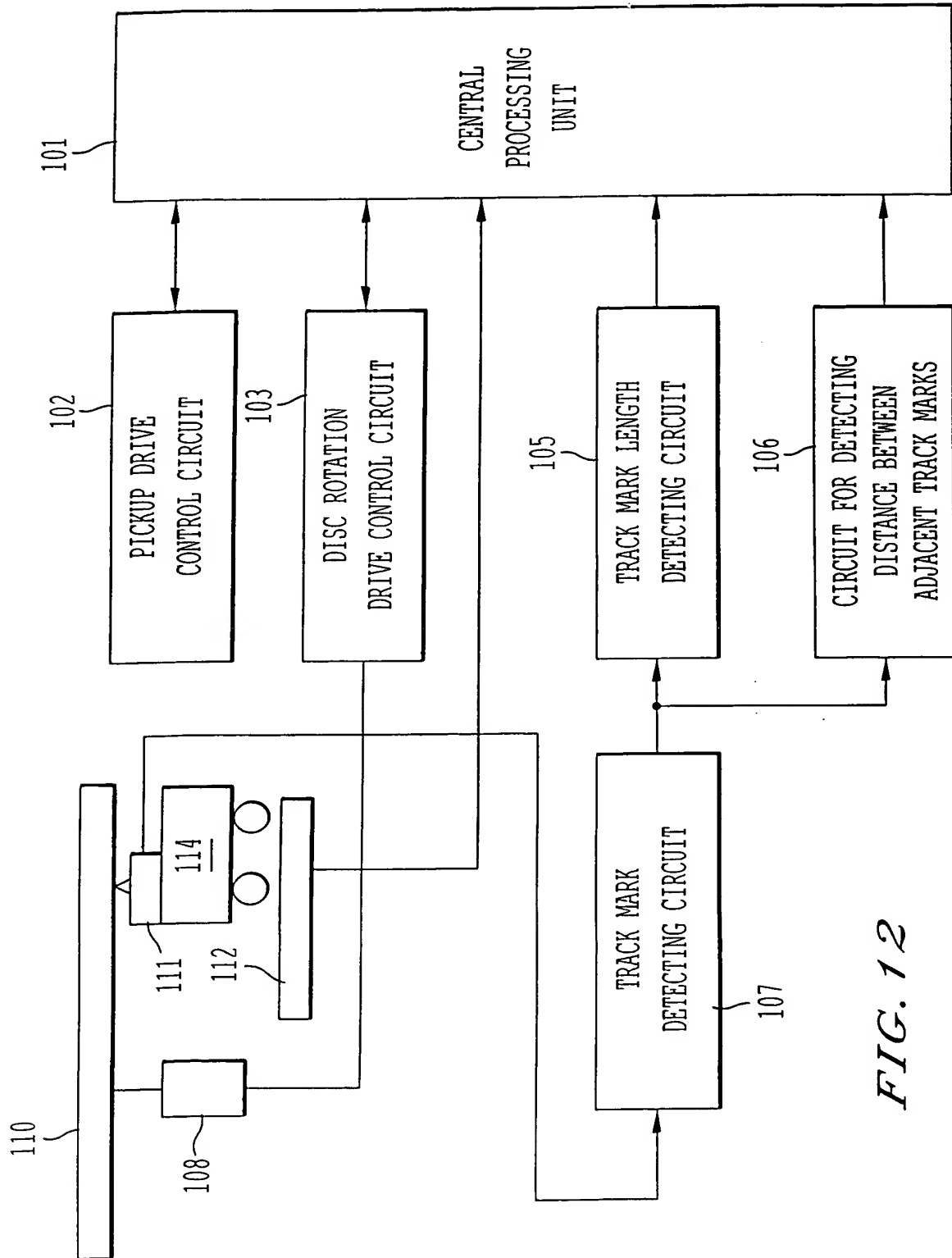


FIG. 12

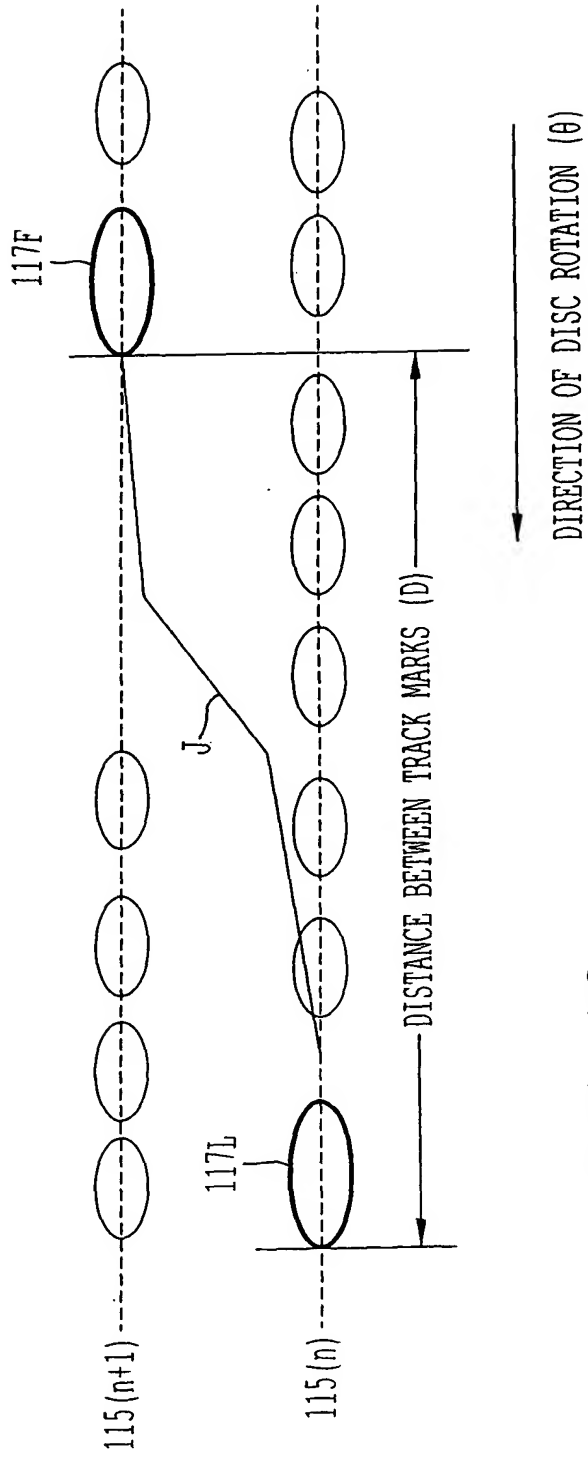
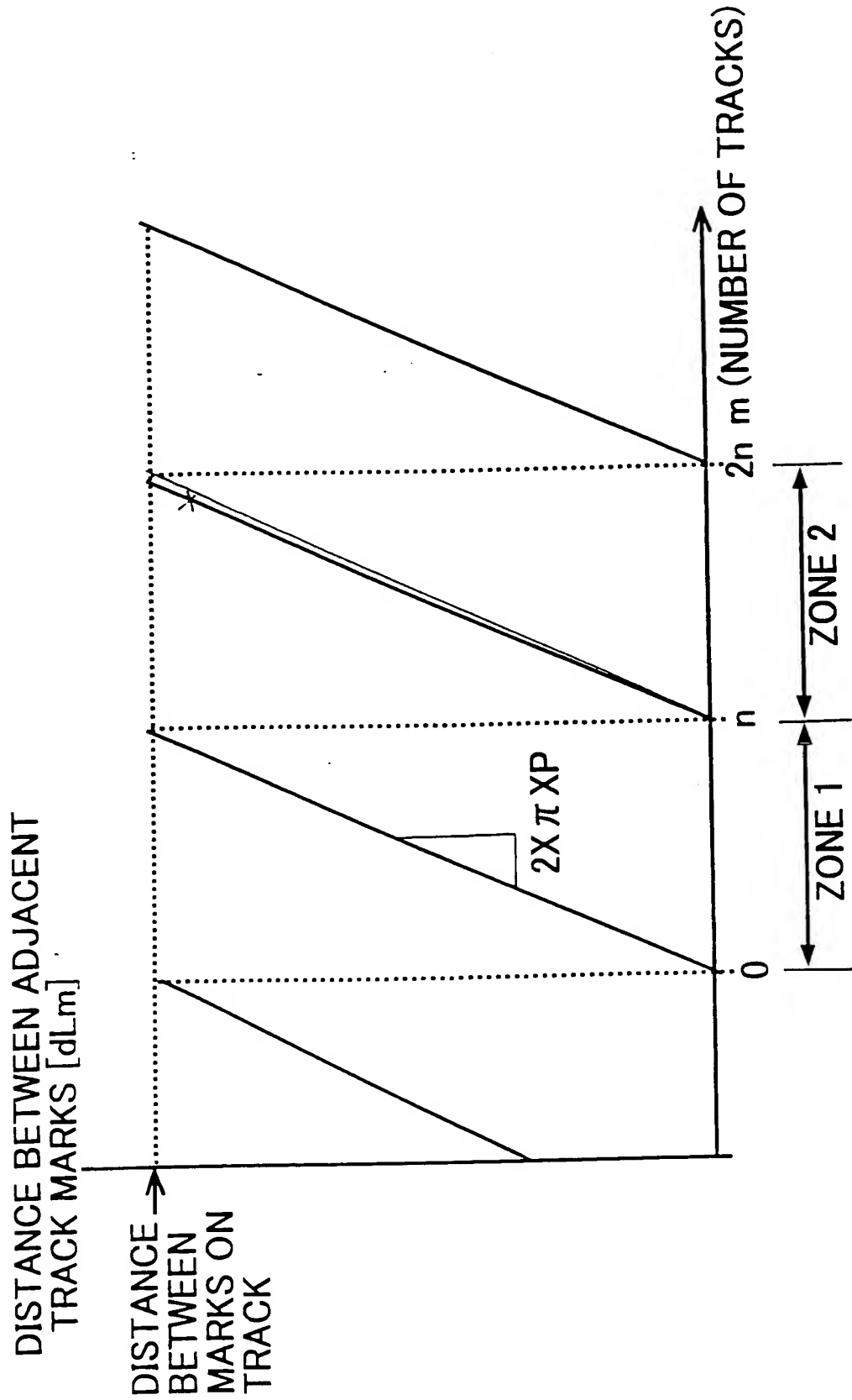


FIG. 13

Fig. 14



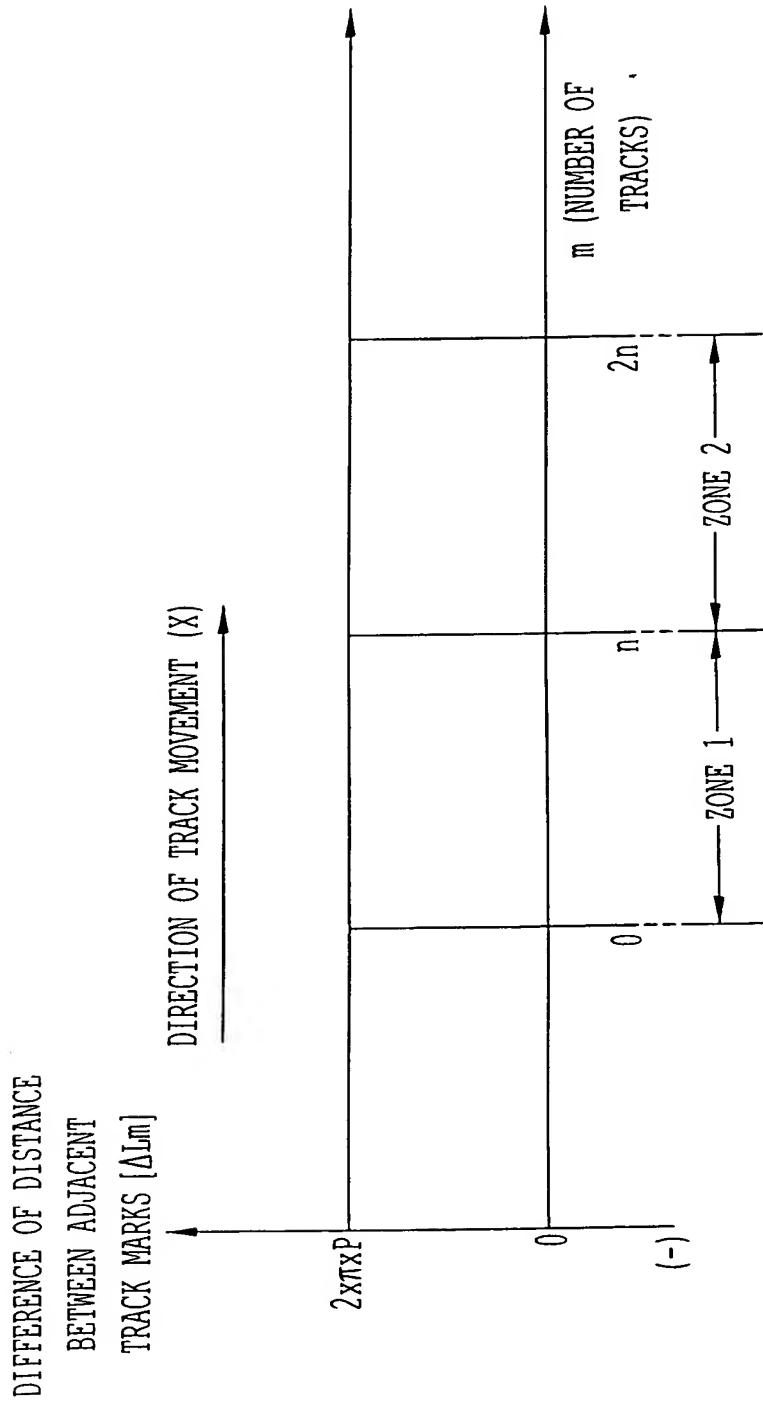
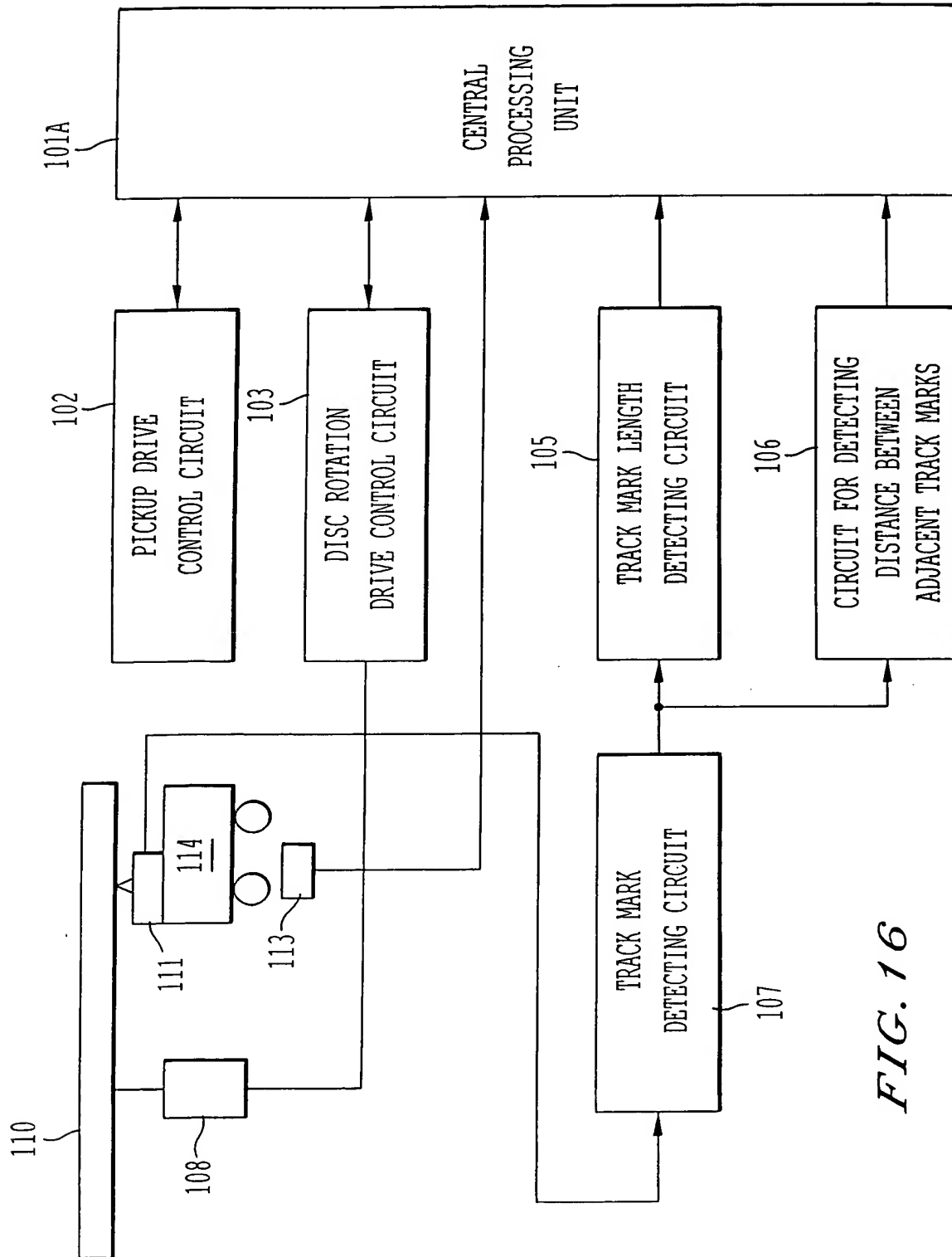


FIG. 15





**FIG. 16**

**FIG. 17**

Fig. 18

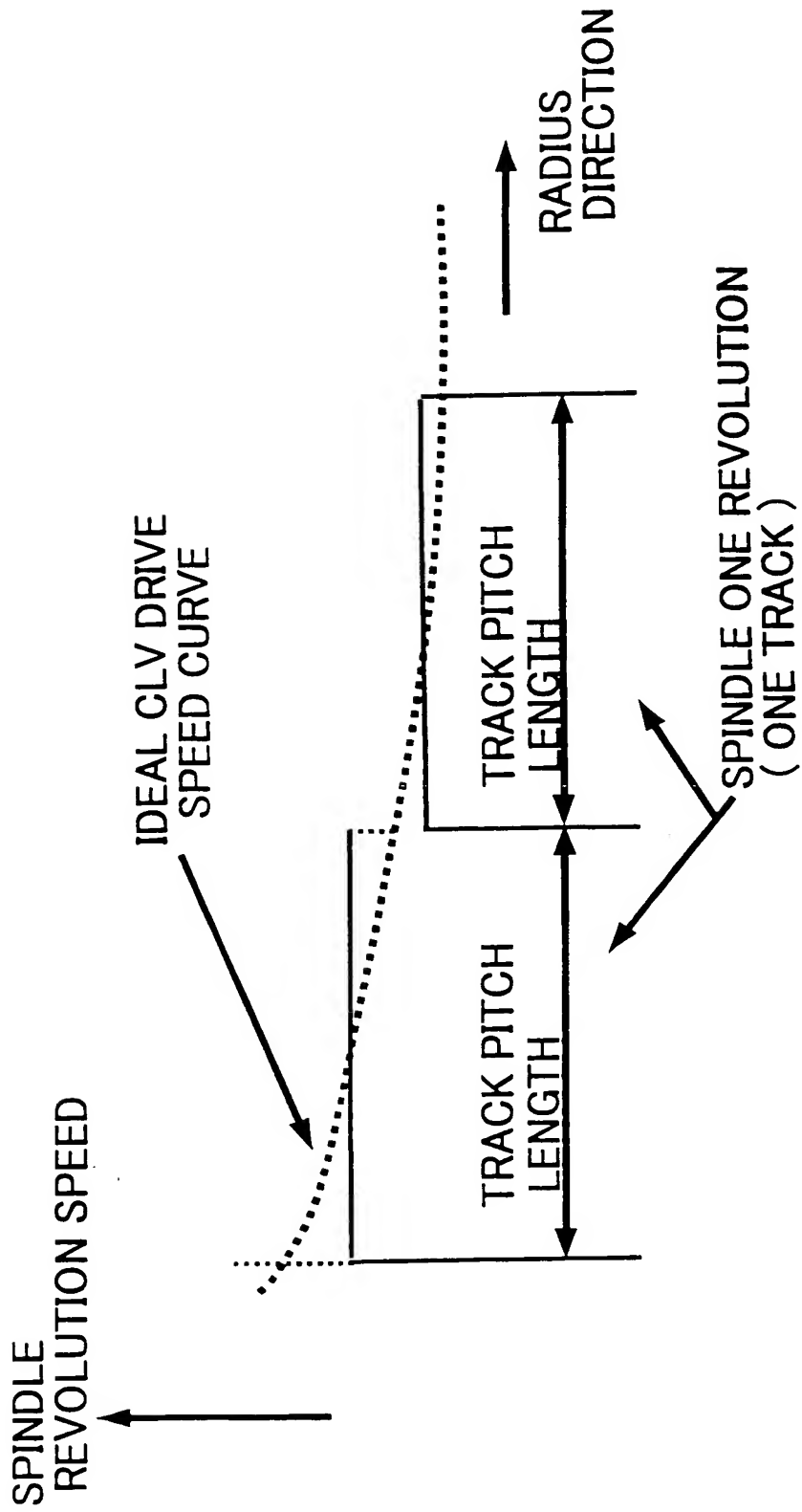
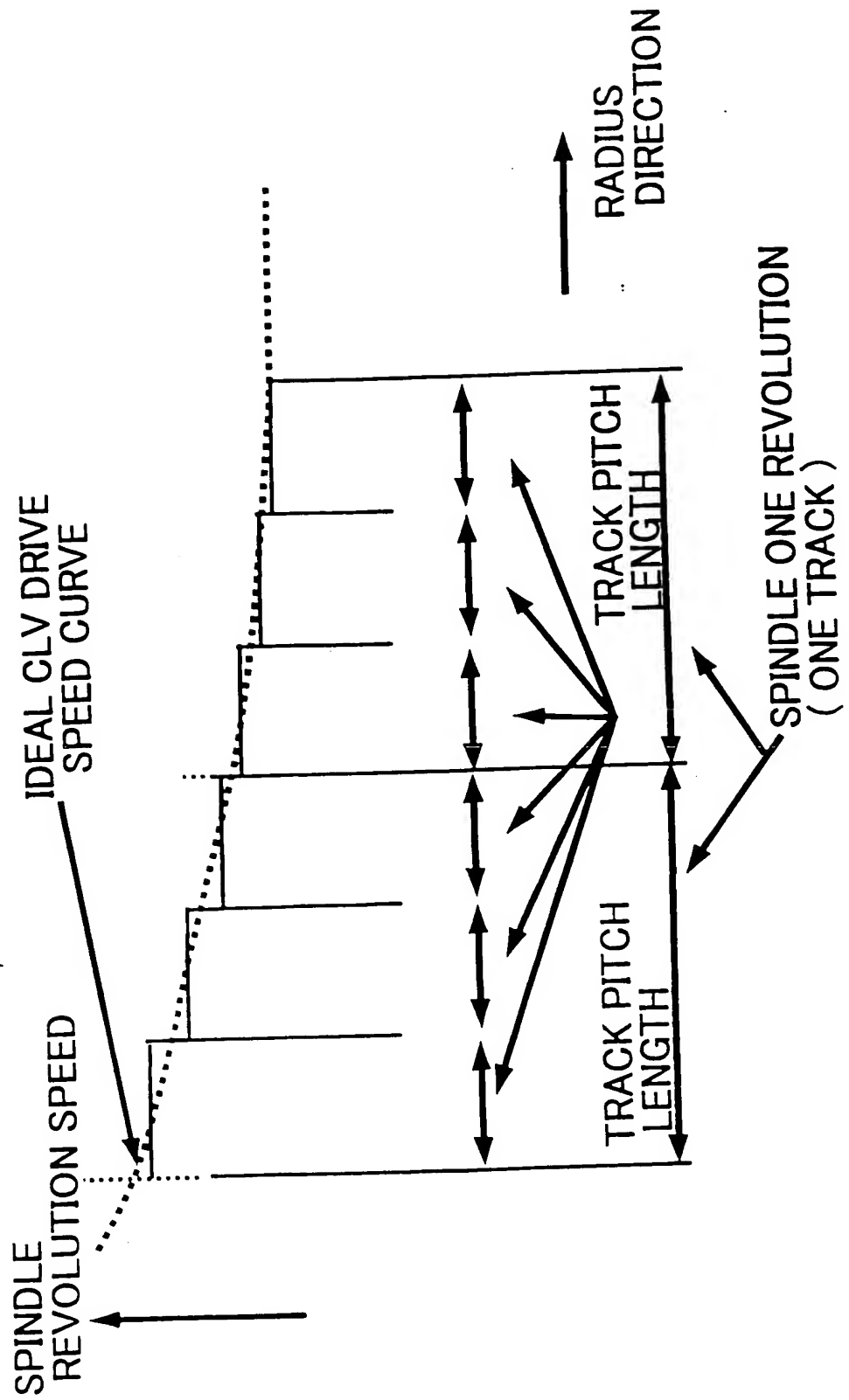
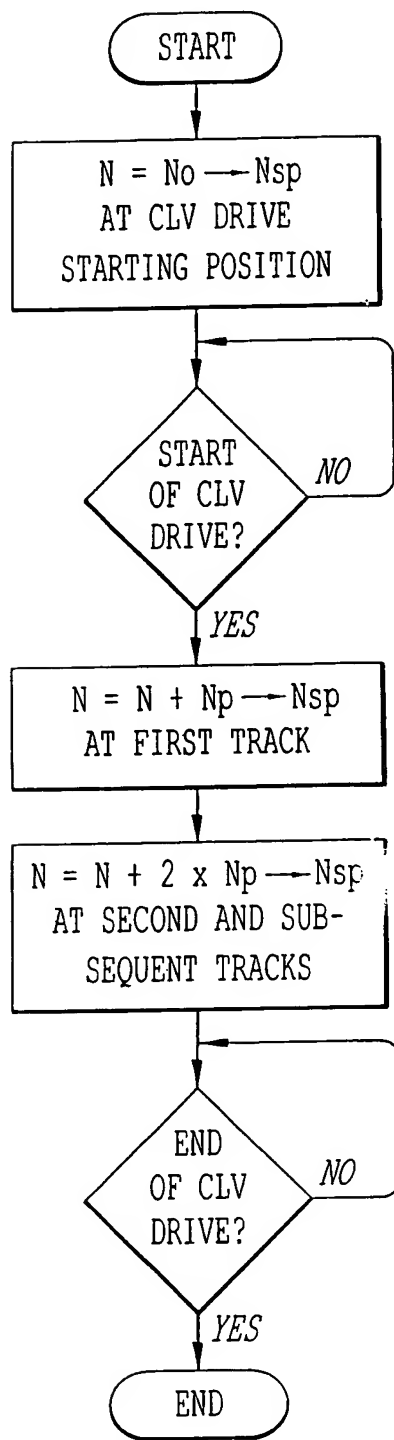


Fig. 19





*FIG. 20*

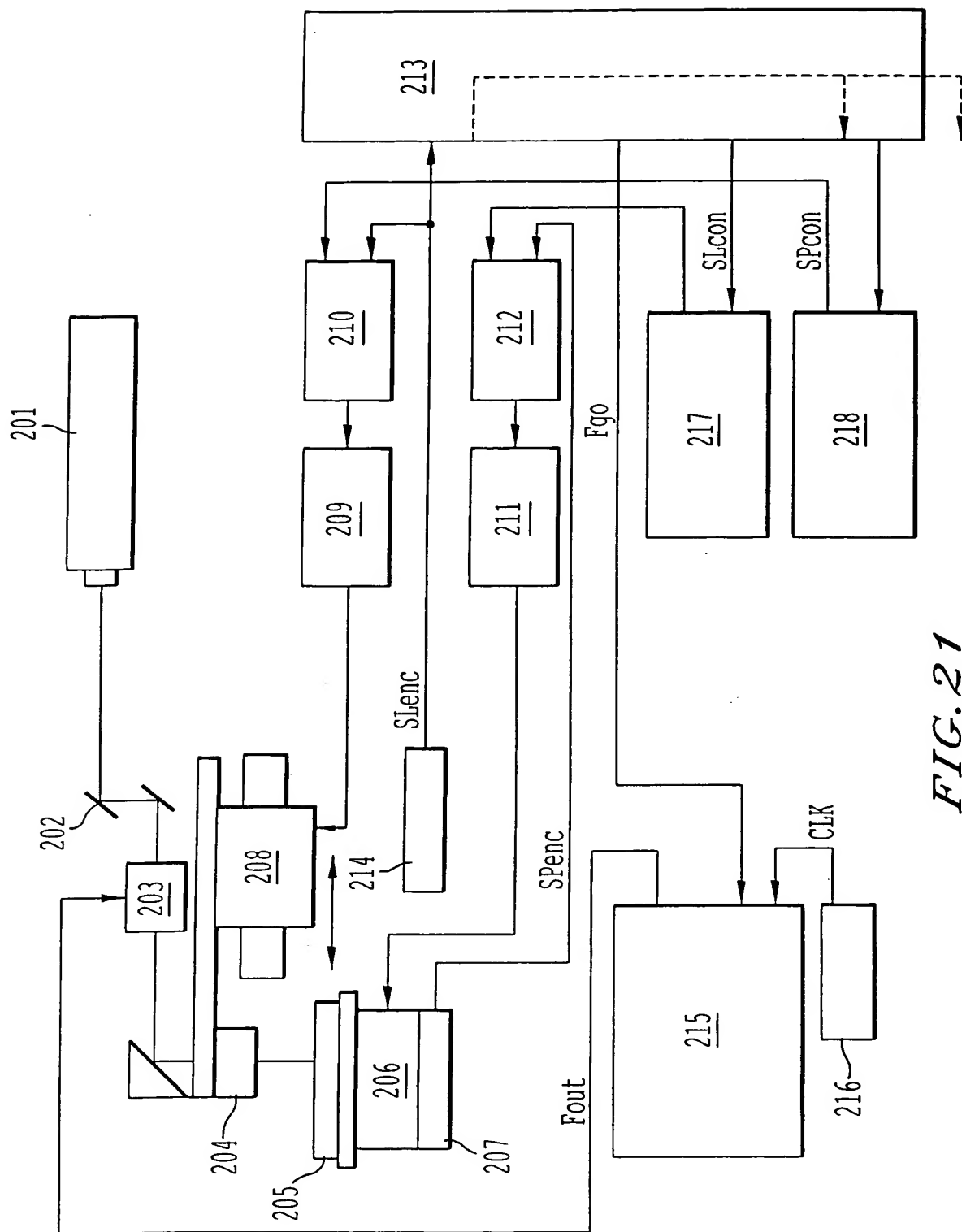
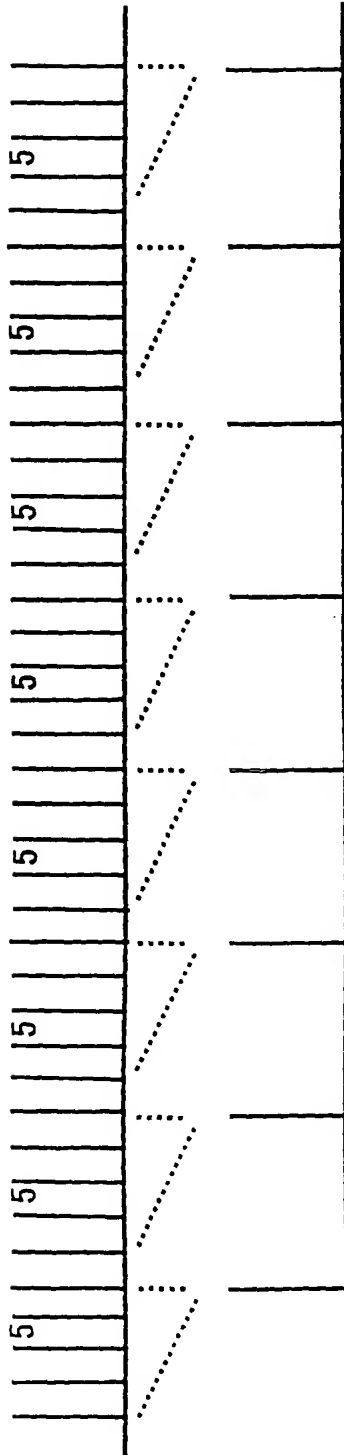


Fig. 22

BACKGROUND ART



FREQUENCY DEMULTIPLYING METHOD OF MIXING INTERCALARY PULSES

TABLE 1

TRACK No.	$L_{cb}$ NUMBER PER ONE TRACK (INTEGER PART)	REMAINING DIFFERENCE OF TRACK (DECIMAL FRACTION PART)
m	$N_{tm}$	
m+1	$N_{tm} + N_{pa}$	$+ \alpha$
m+2	$N_{tm} + 2 \times N_{pa}$	$+ 2 \times \alpha$
m+3	$N_{tm} + 3 \times N_{pa} + 1$	$+ 0.3 \times \alpha$
m+4	$N_{tm} + 4 \times N_{pa}$	$+ 1.3 \times \alpha$
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*FIG. 23*

TABLE 2

TRACK No.	$L_{cb}$ NUMBER PER ONE TRACK (INTEGER PART)	REMAINING DIFFERENCE OF TRACK (DECIMAL FRACTION PART)
s	$N_{sg}$	
s+1	$N_{sg} + N_{pb}$	$+ \beta$
s+2	$N_{sg} + 2 N_{pb}$	$+ 2 \times \beta$
s+3	$N_{sg} + 3 N_{pb} + 1$	$+ 0.3 \times \beta$
s+4	$N_{sg} + 4 N_{pb}$	$+ 1.3 \times \beta$
---	---	---

*FIG. 24*



TABLE 3

STATE OF CLV DRIVE	EXPOSURE RADIUS POSITION	SPINDLE DRIVE ORDERING PULSE	SLIDER DRIVE ORDERING PULSE
STOP	$R_0$	$N_0 \rightarrow N_{sp}$	$N_0 \rightarrow ns1$
CLV DRIVE (TRACK 1)	$\sim R_0 + P$	$N_0 + N_p \rightarrow N_{sp}$	$N_0 + N_p \rightarrow ns1$
CLV DRIVE (TRACK 2)	$\sim R_0 + 2P$	$N_0 + 3N_p \rightarrow N_{sp}$	$N_0 + 3N_p \rightarrow ns1$
CLV DRIVE (TRACK 3)	$\sim R_0 + 3P$	$N_0 + 5N_p \rightarrow N_{sp}$	$N_0 + 5N_p \rightarrow ns1$
---	---	--- $\rightarrow$ ---	--- $\rightarrow$ ---

*FIG. 25*